

Natural  
Vegetable  
Functional

The Lipid Expert!

# Lipex<sup>®</sup> Shea Betaine

- Shea butter based amphoteric surfactant for shampoos and shower gels
- Improves viscosity and foaming properties
- Mild and non-irritant for caring formulations
- Free from PEG and ethoxylates

## Functionality and benefits

Lipex<sup>®</sup> Shea Betaine is an amphoteric primary surfactant based on Shea butter with foam boosting and viscosity building properties. The shea butter origin and the shea butter unsaponifiables contribute to the mildness and irritation reducing ability of this betaine. It is also free from PEG and ethoxylates.

Lipex<sup>®</sup> Shea Betaine, when formulated in a typical shampoo formulation, gives higher viscosity and more creamy texture to the formulation compared to a typical coconut based betaine. It has a high substantivity to skin and hair, giving good anti-static and conditioning effects in combination with the cleansing properties.

## Shampoo

Lipex<sup>®</sup> Shea Betaine vs Cocamidopropyl Betaine

	Formula I (%)	Formula II (%)
Sodium Laureth Sulfate	6.75	6,75
Cocamidopropyl Betaine	0.90	-
Lipex <sup>®</sup> Shea Betaine	-	0.90
Cocamide DEA	1.50	1.50
Water	ad 100.00	ad 100.00
Tetrasodium EDTA	0.10	0.10
PEG-14M	0.05	0.05
Polyquaternium-10	0.15	0.15
Ethyl Bicyclooxazolidine	0.05	0.05
Hydrolyzed Keratin	0.25	0.25
Hydrolyzed Wheat Protein	0.15	0.15
Sodium Chloride	q.s.	q.s.

### Product name

Lipex<sup>®</sup> Shea Betaine

### INCI name

Shea Butteramidopropyl Betaine

### Physical form/Consistency at 20 °C

Viscous solution, 34-38% solid

### Regulatory Status

CTFA

### Recommended use levels

1-5% in surfactant based products

### Packaging

200 kg drum

### Product Data Sheet/Article number

8619

### Formulations

JT-05-30, Shower Gel with Shea Butter

JT-05-31, Conditioning Shampoo with Shea Butter

JT-05-37, Liquid Soap with Shea Butter

August 2008

AarhusKarlshamn Sweden AB  
Business Sector Lipids for Care  
Phone +46 454 820 00, Fax +46 454 828 85  
www.aak.com – lipid@aak.com

AarhusKarlshamn USA Inc.  
Business Sector Lipids for Care  
Phone 973-344-1300, Fax 973-344-6638  
www.aak.com – lfc.us@aak.com

AAK

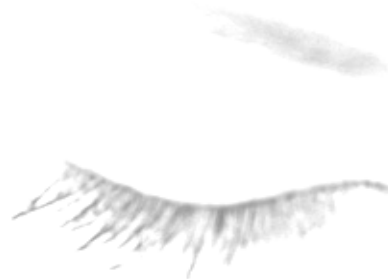
Natural  
Vegetable  
Functional



The Lipid Expert!

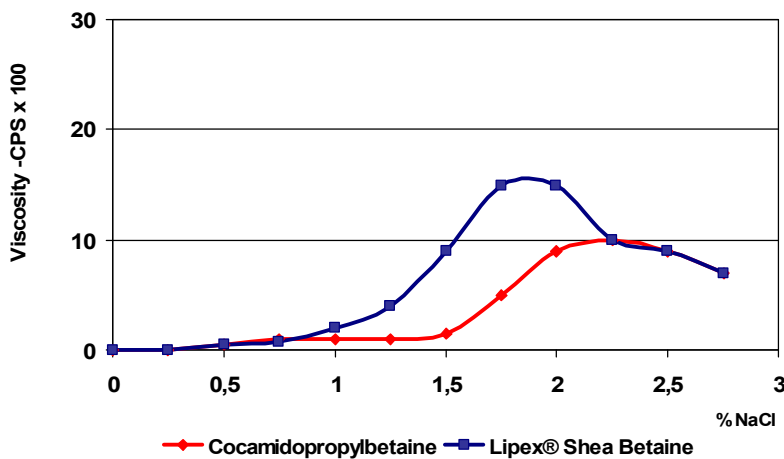
**Applications**

Lipex® Shea Betaine is a primary surfactant for shampoos, shower gels, liquid soaps and other cleansing products. Due to its mildness it is especially suited for baby care products, facial cleansers and other products for sensitive skin. It is normally used in combination with anionic surfactants replacing other amphoteric but it works also well in mixtures with the traditional betaines. Lipex® Shea Betaine gives slightly hazy formulations due to the unsaponifiable content so it works best in translucent or opaque formulations.



**Shampoo - Comparative test of viscosity behaviour**

Lipex® Shea Betaine vs Cocamidopropylbetaine  
(Viscosity at 20°C. Brookfield Mod. LVT)



**Shampoo – comparative application test**

Lipex® Shea Betaine vs cocamidopropylbetaine

